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Systemtechnik GmbH

access control biometrics INTUS FP

fingerprint verification biometrics fingerprint
access control terminal fingerprint access control
biometric access control
identification biometric access control

Biometrics from PCS

INTUS Fingerprint

Access Control

T&A recording

Identification

Verification

INTUS 3100FP

Fingerprint

INTUS

Fingerprint

INTUS Fingerprint.
Biometric verification and identification.

ID cards generally offer only limited protection against abuse because it is very easy to give a card to someone else – including the PIN that may be required. INTUS Fingerprint Terminals protect against such fraud by verifying a unique feature: your fingerprint.

Verification

Verification means that the validity of a card is checked by comparing the fingerprint data (templates) stored on the card or in a central host computer with the data scanned by the fingerprint reader.

Identification

Identification does not require a card. The scanned fingerprint is directly matched with all the fingerprint data stored in the terminal.

INTUS Fingerprint terminals are available both as time & attendance terminals with Ethernet connectivity and as access control readers connected to an INTUS Access Control Manager.

Fingerprint sensor

- CMOS sensor with 256 x 360 pixels
- Resolution: 508 dpi
- Sensor area: 12.8 x 18 mm
- Ergonomic finger-rest

Verification mode

- Verification against templates in INTUS FP for up to 2,000 employees (2 fingers and PinCode each)
- Verification against templates on the RFID card.

  Requirements: proximity cards must be initialized for INTUS FP.
  - Legic-MIM1024 card with approx. 700 bytes free memory
  - Mifare card with min. 7 free sectors
  - Up to 10 fingers for each person inclusive duress finger

Identification mode

- Identification against templates in the terminal for up to 2,000 employees (2 fingers each)
- Up to 10 fingers for each person inclusive duress finger

	INTUS FP	INTUS 3100FP
Operating mode	Verification and identification	Verification and identification
Purpose	Access reader	Time & attendance terminal
Connection to host computer	Via LBus connected to INTUS ACM Access Control Manager or INTUS 3450 terminal	Via Ethernet to host
Keyboard	Membrane keyboard with numeric keypad and 6 relegendable function keys	Membrane keyboard with numeric keypad and 5 function keys
Power supply	Via Access Control Manager or external power supply unit	Integrated 220V power supply unit or external power supply unit

Technical data for INTUS FP and INTUS 3100FP

- Robust housing, tamper contact, and lock for opening the terminal
- 2x20 character display with white backlighting
- 2 multicolor LEDs indicating the terminal and fingerprint status
- 2 digital inputs
- 1 digital output (5A switching relay)
- Buzzer (piezo indicator)
- Integrated RFID reader (Hitag, Mifare, Legic)

Dimensions/weight

- HxWxD: 300 x 140 x 40/75 mm, with integrated power supply unit: D: 57/97 mm
- Weight: 1 kg with integrated power supply unit: 1.5 kg
- Colour unit: RAL 7035 light grey
- Colour bottom unit: RAL 7016 anthracite

Environment

- Ambient temperature in operation: 0°C to +50°C
- Storage temperature: 10°C to +85°C
- Relative humidity: 10% to 90%, non-condensing
- Degree of protection: IP53
- CE compliant
- ESD: 15kV

Technical specifications subject to change without notice.

INTUS terminals include software developed by the Open SSL project for use in the OpenSSL Toolkit (http://www.openssl.org) and cryptographic software written by Eric Young (eay@cryptsoft.com). Technical specifications subject to change without notice.

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